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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

PATENT

Applicants: Mukerji, et al.

Serial No.: 10/060,793

Filed: January 30, 2002

For: DESATURASE GENES, ENZYMES  
ENCODED THEREBY AND USES THEREOF

Case No.: 6884.US.01

Group Art No.: 1645

Examiner: (not yet assigned)



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PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington D.C. 20231

Prior to an examination of the above-referenced  
application on the merits, please amend the application as  
follows:

IN THE SPECIFICATION:

Please replace page 9, line 13 - page 10, line 6 with  
the following:

Figure 1 is a schematic showing the biosynthetic  
pathway leading to the production of various PUFAs.

Figure 2 is the nucleotide sequence of *sdd17* (SEQ ID  
NO: 25), a gene derived from *S. diclina* (ATCC 56851) that  
encodes a novel  $\omega$ 3-fatty acid desaturase.

Preliminary Amendment  
Serial No.: 10/060,793  
Attorney Docket No.: 6884.US.01  
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